This Page is Inserted by IFW Indexing and Scanning Operations and is not part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ BLACK BORDERS
- ☐ IMAGE CUT OFF AT TOP, BOTTOM OR SIDES
- ☐ FADED TEXT OR DRAWING
- ☐ BLURRED OR ILLEGIBLE TEXT OR DRAWING
- ☐ SKEWED/SLANTED IMAGES
- ☐ COLOR OR BLACK AND WHITE PHOTOGRAPHS
- ☐ GRAY SCALE DOCUMENTS
- ☐ LINES OR MARKS ON ORIGINAL DOCUMENT
- ☐ REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY
- ☐ OTHER: _____

IMAGES ARE BEST AVAILABLE COPY.
As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore® RELEASE 1.8

Welcome
United States Patent and Trademark Office

» Adva

Help FAQ Terms IEEE Peer Review Quick Links

Welcome to IEEE Xplore®
- Home
- What Can I Access?
- Log-out

Tables of Contents
- Journals & Magazines
- Conference Proceedings
- Standards

Search
- By Author
- Basic
- Advanced
- CrossRef

Member Services
- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

IEEE Enterprise
- Access the IEEE Enterprise File Cabinet

Try our New Full-text Search Prototype GO

Help

1) Enter a single keyword, phrase, or Boolean expression.
Example: acoustic imaging (means the phrase acoustic imaging plus any stem variations)
2) Limit your search by using search operators and field codes, if desired.
Example: optical <and> (fiber <or> fibre) <in> ti
3) Limit the results by selecting Search Options.
4) Click Search. See Search Examples

```
(bio or biometric or facial
or face or retina or irish or
eye  or fingerprint ot finger
adj print)and(correlation or
```

Start Search Clear

Note: This function returns plural and suffixed forms of the keyword(s).

Search operators: <and> <or> <not> <in> More

Field codes: au (author), ti (title), ab (abstract), jn (publication name), de (index term) More

Search Options:

Select publication types:

- [x] IEEE Journals
- [x] IEE Journals
- [x] IEEE Conference proceedings
- [x] IEE Conference proceedings
- [x] IEEE Standards

Select years to search:

From year: All to Present

Organize search results by:

Sort by: Relevance

In: Descending order

List 15 Results per page

Copyright © 2004 IEEE — All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore® RELEASE 1.8

Welcome
United States Patent and Trademark Office

Help FAQ Terms IEEE Peer Review Quick Links

Welcome to IEEE Xplore®
- Home
- What Can I Access?
- Log-out

Tables of Contents
- Journals & Magazines
- Conference Proceedings
- Standards

Search
- By Author
- Basic
- Advanced
- CrossRef

Member Services
- Join IEEE
- Establish IEEE Web Account
- Access the IEEE Member Digital Library

IEEE Enterprise
- Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **8** of **1085387** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or enteri new one in the text box.

(bio or biometric or facial or face or retina or irish or eye Search

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine **CNF** = Conference **STD** = Standard

1 **A probabilistic analysis of time delay extraction by the cepstrum in stationary Gaussian noise**
Hassab, J.; Boucher, R.;
Information Theory, IEEE Transactions on , Volume: 22 , Issue: 4 , Jul 1976
Pages:444 - 454

[Abstract] [PDF Full-Text (1464 KB)] IEEE JNL

2 **PLL FM demodulator performance under Gaussian modulation**
Hasan, P.;
Communications, IEEE Transactions on , Volume: 46 , Issue: 4 , April 1998
Pages:437 - 440

[Abstract] [PDF Full-Text (128 KB)] IEEE JNL

3 **RCBR: a simple and efficient service for multiple time-scale traffic**
Grossglauser, M.; Keshav, S.; Tse, D.N.C.;
Networking, IEEE/ACM Transactions on , Volume: 5 , Issue: 6 , Dec. 1997
Pages:741 - 755

[Abstract] [PDF Full-Text (608 KB)] IEEE JNL

4 **Threshold voltage uniformity and characterization of microwave performance for GaAs/AlGaAs high electron-mobility transistors grow Si substrates**
Aigo, T.; Goto, M.; Ohta, Y.; Jono, A.; Tachikawa, A.; Moritani, A.;
Electron Devices, IEEE Transactions on , Volume: 43 , Issue: 4 , April 1996
Pages:527 - 534

[Abstract] [PDF Full-Text (908 KB)] IEEE JNL

5 **Sparse array aperture extension with dual-size spatial invariances f ESPRIT-based direction finding**
Wong, K.T.; Zoltowski, M.D.;
Circuits and Systems, 1996., IEEE 39th Midwest symposium on , Volume: 2 , 21 Aug. 1996
Pages:691 - 694 vol.2

[Abstract] [PDF Full-Text (400 KB)] IEEE CNF

6 **On the selection of candidates for point and line correspondences**
Lanser, S.; Lengauer, T.;
Computer Vision, 1995. Proceedings., International Symposium on , 21-23 Nc 1995
Pages:157 - 162

[Abstract] [PDF Full-Text (560 KB)] IEEE CNF

7 **Text segmentation in mixed-mode images**
Chaddha, N.; Sharma, R.; Agrawal, A.; Gupta, A.;
Signals, Systems and Computers, 1994. 1994 Conference Record of the Twen Eighth Asilomar Conference on , Volume: 2 , 31 Oct.-2 Nov. 1994
Pages:1356 - 1361 vol.2

[Abstract] [PDF Full-Text (492 KB)] IEEE CNF

8 **PMOS hot-carrier rebound and degradation**
Song, M.; MacWilliams, K.P.; Scarpulla, J.; Swanson, D.J.; Cable, J.S.; Woo, J.C.S.;
Electron Devices Meeting, 1993. Technical Digest., International , 5-8 Dec. 19
Pages:519 - 522

[Abstract] [PDF Full-Text (364 KB)] IEEE CNF

Copyright © 2004 IEEE — All rights reserved

L Number	Hits	Search Text	DB	Time stamp
1	2331900	(bio or biometric or facial or face or retina or irish or eye or fingerprint ot finger adj print)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/31 12:11
2	991182	((bio or biometric or facial or face or retina or irish or eye or fingerprint ot finger adj print)) and(correlat$3 or compar$5 or match$3 or similar or similarit$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/31 12:15
3	121757	(((bio or biometric or facial or face or retina or irish or eye or fingerprint ot finger adj print)) and(correlat$3 or compar$5 or match$3 or similar or similarit$3)) and(compress$3 or encod$4)and project$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/31 12:10
4	3462	((((bio or biometric or facial or face or retina or irish or eye or fingerprint ot finger adj print)) and(correlat$3 or compar$5 or match$3 or similar or similarit$3)) and(compress$3 or encod$4)and project$3) and deviat$3 and threshold	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/31 12:11
5	2280	(((((bio or biometric or facial or face or retina or irish or eye or fingerprint ot finger adj print)) and(correlat$3 or compar$5 or match$3 or similar or similarit$3)) and(compress$3 or encod$4)and project$3) and deviat$3 and threshold) and(authenticat$3 or identify$3 or verificat$3)and (bio or biometric or facial or face or retina or irish or eye or fingerprint ot finger adj print)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/31 12:13
6	2278	((((((bio or biometric or facial or face or retina or irish or eye or fingerprint ot finger adj print)) and(correlat$3 or compar$5 or match$3 or similar or similarit$3)) and(compress$3 or encod$4)and project$3) and deviat$3 and threshold) and(authenticat$3 or identify$3 or verificat$3)and (bio or biometric or facial or face or retina or irish or eye or fingerprint ot finger adj print)) and (add$5 or summ$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/31 12:14
7	1313	(((((((bio or biometric or facial or face or retina or irish or eye or fingerprint ot finger adj print)) and(correlat$3 or compar$5 or match$3 or similar or similarit$3)) and(compress$3 or encod$4)and project$3) and deviat$3 and threshold) and(authenticat$3 or identify$3 or verificat$3)and (bio or biometric or facial or face or retina or irish or eye or fingerprint ot finger adj print)) and (add$5 or summ$5)) and (difference or result$3)same image$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/31 12:15
8	58	((((((((bio or biometric or facial or face or retina or irish or eye or fingerprint ot finger adj print)) and(correlat$3 or compar$5 or match$3 or similar or similarit$3)) and(compress$3 or encod$4)and project$3) and deviat$3 and threshold) and(authenticat$3 or identify$3 or verificat$3)and (bio or biometric or facial or face or retina or irish or eye or fingerprint ot finger adj print)) and (add$5 or summ$5)) and (difference or result$3)same image$1) and correlat$3 near3 peak	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/31 12:16

9	31	(((((((((bio or biometric or facial or face or retina or irish or eye or fingerprint ot finger adj print)) and(correlat$3 or compar$5 or match$3 or similar or similarit$3)) and(compress$3 or encod$4)and project$3) and deviat$3 and threshold) and(authenticat$3 or identify$3 or verificat$3)and (bio or biometric or facial or face or retina or irish or eye or fingerprint ot finger adj print)) and (add$5 or summ$5)) and (difference or result$3)same image$1) and correlat$3 near3 peak) and correlat$3 near3 function	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/31 12:16
10	7	((((((((((bio or biometric or facial or face or retina or irish or eye or fingerprint ot finger adj print)) and(correlat$3 or compar$5 or match$3 or similar or similarit$3)) and(compress$3 or encod$4)and project$3) and deviat$3 and threshold) and(authenticat$3 or identify$3 or verificat$3)and (bio or biometric or facial or face or retina or irish or eye or fingerprint ot finger adj print)) and (add$5 or summ$5)) and (difference or result$3)same image$1) and correlat$3 near3 peak) and correlat$3 near3 function) and (ID or one adj dimensional$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/31 12:20
11	3	((((((((((bio or biometric or facial or face or retina or irish or eye or fingerprint ot finger adj print)) and(correlat$3 or compar$5 or match$3 or similar or similarit$3)) and(compress$3 or encod$4)and project$3) and deviat$3 and threshold) and(authenticat$3 or identify$3 or verificat$3)and (bio or biometric or facial or face or retina or irish or eye or fingerprint ot finger adj print)) and (add$5 or summ$5)) and (difference or result$3)same image$1) and correlat$3 near3 peak) and correlat$3 near3 function) and (ID or one adj dimensional$1)) and @ad<20010116	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/31 12:20
12	6	((((((((((bio or biometric or facial or face or retina or irish or eye or fingerprint ot finger adj print)) and(correlat$3 or compar$5 or match$3 or similar or similarit$3)) and(compress$3 or encod$4)and project$3) and deviat$3 and threshold) and(authenticat$3 or identify$3 or verificat$3)and (bio or biometric or facial or face or retina or irish or eye or fingerprint ot finger adj print)) and (add$5 or summ$5)) and (difference or result$3)same image$1) and correlat$3 near3 peak) and correlat$3 near3 function) and (1D or one adj dimensional$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/31 12:20
13	2	((((((((((bio or biometric or facial or face or retina or irish or eye or fingerprint ot finger adj print)) and(correlat$3 or compar$5 or match$3 or similar or similarit$3)) and(compress$3 or encod$4)and project$3) and deviat$3 and threshold) and(authenticat$3 or identify$3 or verificat$3)and (bio or biometric or facial or face or retina or irish or eye or fingerprint ot finger adj print)) and (add$5 or summ$5)) and (difference or result$3)same image$1) and correlat$3 near3 peak) and correlat$3 near3 function) and (1D or one adj dimensional$1)) and @ad<20010116	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/10/31 12:21